

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	Aztec Water Intake	Farmington Water Intake	ADW-010		
			Sample ID	Aztec Water Intake	Farmington Water Intake	ADW-010-150809-11		
			Date	8/6/2015	8/6/2015	8/9/2015		
			Sample Time	17:50	18:30	8:20		
			Latitude	36.83845	37.3	36.83746		
			Longitude	-107.99242	-107.86820	-107.99168		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>41 J</b>	<b>44 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.07 U	< 0.07 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	<b>0.5</b>	<b>0.6</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>75</b>	<b>69.8</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.02 U	< 0.02 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	<b>0.03 J</b>	<b>0.02 J</b>		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>59100</b>	<b>62000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	<b>3.6</b>	<b>3.5</b>		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.1</b>	<b>0.2</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>1.4</b>	<b>1.4</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 3 U	< 3 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.06 J</b>	<b>0.05 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>9160</b>	<b>9580</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>29</b>	<b>36</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	<b>0.07 J</b>	<b>0.03 J</b>		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.2</b>	<b>1.2</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>2.2</b>	<b>2.1</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2330</b>	<b>2540</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	<b>0.6 J</b>	<b>0.7 J</b>		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.03 U	< 0.03 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>16000</b>	<b>19800</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	<b>0.1</b>	<b>0.1</b>		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	<b>1.2</b>	<b>1.4</b>		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>26 J</b>	<b>27 J</b>		

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Metals, Total					Metals, Total				
Aluminum, Total	7429-90-5	ug/L		--	Aluminum, Total	7429-90-5	ug/L		--
Antimony, Total	7440-36-0	ug/L		--	Antimony, Total	7440-36-0	ug/L		--
Arsenic, Total	7440-38-2	ug/L		--	Arsenic, Total	7440-38-2	ug/L		--
Barium, Total	7440-39-3	ug/L		--	Barium, Total	7440-39-3	ug/L		--
Beryllium, Total	7440-41-7	ug/L		--	Beryllium, Total	7440-41-7	ug/L		--
Cadmium, Total	7440-43-9	ug/L		--	Cadmium, Total	7440-43-9	ug/L		--
Calcium, Total	7440-70-2	ug/L		--	Calcium, Total	7440-70-2	ug/L		--
Chromium, Total	7440-47-3	ug/L		--	Chromium, Total	7440-47-3	ug/L		--
Cobalt, Total	7440-48-4	ug/L		--	Cobalt, Total	7440-48-4	ug/L		--
Copper, Total	7440-50-8	ug/L		--	Copper, Total	7440-50-8	ug/L		--
Iron, Total	7439-89-6	ug/L		--	Iron, Total	7439-89-6	ug/L		--
Lead, Total	7439-92-1	ug/L		--	Lead, Total	7439-92-1	ug/L		--
Magnesium, Total	7439-95-4	ug/L		--	Magnesium, Total	7439-95-4	ug/L		--
Manganese, Total	7439-96-5	ug/L		--	Manganese, Total	7439-96-5	ug/L		--
Mercury, Total	7439-97-6	ug/L		--	Mercury, Total	7439-97-6	ug/L		--
Molybdenum, Total	7439-98-7	ug/L		--	Molybdenum, Total	7439-98-7	ug/L		--
Nickel, Total	7440-02-0	ug/L		--	Nickel, Total	7440-02-0	ug/L		--
Potassium, Total	7440-09-7	ug/L		--	Potassium, Total	7440-09-7	ug/L		--
Selenium, Total	7782-49-2	ug/L		--	Selenium, Total	7782-49-2	ug/L		--
Silver, Total	7440-22-4	ug/L		--	Silver, Total	7440-22-4	ug/L		--
Sodium, Total	7440-23-5	ug/L		--	Sodium, Total	7440-23-5	ug/L		--
Thallium, Total	7440-28-0	ug/L		--	Thallium, Total	7440-28-0	ug/L		--
Vanadium, Total	7440-62-2	ug/L		--	Vanadium, Total	7440-62-2	ug/L		--
Zinc, Total	7440-66-6	ug/L		--	Zinc, Total	7440-66-6	ug/L		--
General					General				
Alkalinity	STL00171	mg/L		--	Alkalinity	STL00171	mg/L		--
Chloride	16887-00-6	mg/L		--	Chloride	16887-00-6	mg/L		--
Fluoride	16984-48-8	mg/L		--	Fluoride	16984-48-8	mg/L		--
Nitrate as N	14797-55-8	mg/L		--	Nitrate as N	14797-55-8	mg/L		--
pH	STL00204	SU		--	pH	STL00204	SU		--
Sulfate	14808-79-8	mg/L		--	Sulfate	14808-79-8	mg/L		--

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Total Dissolved Solids	STL00242	mg/L		--	Total Dissolved Solids	STL00242	mg/L		--
Total Hardness	STL00009	mg/L		--	Total Hardness	STL00009	mg/L		--
Total Suspended Solids	STL00161	mg/L		--	Total Suspended Solids	STL00161	mg/L		--

**Bold - Bolded results identify a detected value.**

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Highlighted values are detections that exceed the minimum of the listed screening values.

\* - exceeds MCI

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J - Data Estimated qualifier (also applied to all data less than PQL, greater than Data Equal to PQL) qualifier (also applied to all data less than PQL, greater than or equal to PQL)

### MDL - Method Detection Limit

### MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

POQ - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

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mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

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Analyte	CAS.NO	Units	Location	Aztec Water Intake	Farmington Water Intake	ADW-010		
			Sample ID	Aztec Water Intake	Farmington Water Intake	ADW-010-150809-11		
			Date	8/6/2015	8/6/2015	8/9/2015		
			Sample Time	17:50	18:30	8:20		
			Latitude	36.83845	37.3	36.83746		
			Longitude	-107.99242	-107.86820	-107.99168		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>41 J</b>	<b>44 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.07 U	< 0.07 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	<b>0.5</b>	<b>0.6</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>75</b>	<b>69.8</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.02 U	< 0.02 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	<b>0.03 J</b>	<b>0.02 J</b>		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>59100</b>	<b>62000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	<b>3.6</b>	<b>3.5</b>		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.1</b>	<b>0.2</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>1.4</b>	<b>1.4</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 3 U	< 3 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.06 J</b>	<b>0.05 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>9160</b>	<b>9580</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>29</b>	<b>36</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	<b>0.07 J</b>	<b>0.03 J</b>		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.2</b>	<b>1.2</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>2.2</b>	<b>2.1</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2330</b>	<b>2540</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	<b>0.6 J</b>	<b>0.7 J</b>		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.03 U	< 0.03 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>16000</b>	<b>19800</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	<b>0.1</b>	<b>0.1</b>		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	<b>1.2</b>	<b>1.4</b>		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>26 J</b>	<b>27 J</b>		

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<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>982 R</b>	<b>2530 R</b>	<b>440</b>
Antimony, Total	7440-36-0	ug/L		--	<b>0.7 R</b>	<b>0.3 R</b>	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	<b>0.9 R</b>	<b>1.1 R</b>	<b>1.3</b>
Barium, Total	7440-39-3	ug/L		--	<b>97.7 R</b>	<b>98.7 R</b>	<b>70</b>
Beryllium, Total	7440-41-7	ug/L		--	<b>0.09 R</b>	<b>0.2 R</b>	< 0.15 U
Cadmium, Total	7440-43-9	ug/L		--	<b>0.2 R</b>	<b>0.2 R</b>	<b>0.19</b>
Calcium, Total	7440-70-2	ug/L		--	<b>59900 R</b>	<b>63100 R</b>	<b>64000</b>
Chromium, Total	7440-47-3	ug/L		--	<b>0.4 R</b>	<b>1.1 R</b>	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.7 R</b>	<b>1.1 R</b>	<b>0.42</b>
Copper, Total	7440-50-8	ug/L		--	<b>4.4 R</b>	<b>5.5 R</b>	<b>9.2</b>
Iron, Total	7439-89-6	ug/L		--	<b>977 R</b>	<b>2060 R</b>	<b>1800 J</b>
Lead, Total	7439-92-1	ug/L		--	<b>5 R</b>	<b>6 R</b>	<b>14 J</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>9390 R</b>	<b>9880 R</b>	<b>8600</b>
Manganese, Total	7439-96-5	ug/L		--	<b>120 R</b>	<b>158 R</b>	<b>120 J</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.02 UR	< 0.02 UR	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.2 R</b>	<b>1.1 R</b>	<b>0.86 J</b>
Nickel, Total	7440-02-0	ug/L		--	<b>2.9 R</b>	<b>3.8 R</b>	<b>1</b>
Potassium, Total	7440-09-7	ug/L		--	<b>2680 R</b>	<b>3010 R</b>	<b>2300</b>
Selenium, Total	7782-49-2	ug/L		--	<b>0.4 R</b>	<b>0.4 R</b>	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	< 0.03 UR	< 0.03 UR	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	<b>15900 R</b>	<b>19800 R</b>	<b>14000</b>
Thallium, Total	7440-28-0	ug/L		--	<b>0.1 R</b>	<b>0.1 R</b>	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	<b>1.7 R</b>	<b>3.6 R</b>	<b>1.6</b>
Zinc, Total	7440-66-6	ug/L		--	<b>59 R</b>	<b>62 R</b>	<b>63</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--			<b>91</b>
Chloride	16887-00-6	mg/L		--			<b>11</b>
Fluoride	16984-48-8	mg/L		--			<b>0.36</b>
Nitrate as N	14797-55-8	mg/L		--			
pH	STL00204	SU		--			<b>8.09 J</b>
Sulfate	14808-79-8	mg/L		--			<b>96</b>

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Total Dissolved Solids	STL00242	mg/L		--				<b>260</b>
Total Hardness	STL00009	mg/L		--				<b>190</b>
Total Suspended Solids	STL00161	mg/L		--				<b>1100</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL) to MDL

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Analyte	CAS.NO	Units	Location	ADW-010	ADW-010	ADW-021		
			Sample ID	ADW-010-150810-11	ADW-010-150811-11	ADW-021-150809-11		
			Date	8/10/2015	8/11/2015	8/9/2015		
			Sample Time	8:50	9:00	10:10		
			Latitude	36.83746	36.83746	36.87280		
			Longitude	-107.99168	-107.99168	-107.96084		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>49 J</b>	<b>51 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0.37 U	< 0.37 U		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>57</b>	<b>62</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>59000</b>	<b>60000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	< 0.12 U	<b>0.13 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2.3</b>	<b>3</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	<b>20 J</b>		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.15 J</b>	<b>0.61</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8300</b>	<b>8700</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>16</b>	<b>19</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.2</b>	<b>1.2</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>0.97 J</b>	<b>1.9 J</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2100</b>	<b>2300</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>14000</b>	<b>15000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0.3 U	< 0.3 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>3.2 J</b>	<b>5.4 J</b>		
						<b>9.1 J</b>		

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<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>400</b>	<b>210</b>	<b>400</b>
Antimony, Total	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	<b>0.69 J</b>	<b>0.7 J</b>	<b>1.3</b>
Barium, Total	7440-39-3	ug/L		--	<b>64</b>	<b>65</b>	<b>70</b>
Beryllium, Total	7440-41-7	ug/L		--	< 0.15 U	< 0.15 U	< 0.15 U
Cadmium, Total	7440-43-9	ug/L		--	< 0.043 U	<b>0.077 J</b>	<b>0.14</b>
Calcium, Total	7440-70-2	ug/L		--	<b>60000</b>	<b>60000</b>	<b>65000</b>
Chromium, Total	7440-47-3	ug/L		--	< 1 U	< 1 U	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.28 J</b>	<b>0.23 J</b>	<b>0.39 J</b>
Copper, Total	7440-50-8	ug/L		--	<b>5.3</b>	<b>4.3</b>	<b>8.6</b>
Iron, Total	7439-89-6	ug/L		--	<b>720 J</b>	<b>410</b>	<b>1600 J</b>
Lead, Total	7439-92-1	ug/L		--	<b>9.3 J</b>	<b>5.2</b>	<b>14 J</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>8500</b>	<b>8600</b>	<b>8700</b>
Manganese, Total	7439-96-5	ug/L		--	<b>70 J</b>	<b>59</b>	<b>110 J</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.2</b>	<b>1.1</b>	<b>0.91 J</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1.2</b>	<b>0.93 J</b>	<b>1 J</b>
Potassium, Total	7440-09-7	ug/L		--	<b>2100</b>	<b>2300</b>	<b>2200</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	<b>14000</b>	<b>15000</b>	<b>13000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	<b>0.91 J</b>	<b>0.56 J</b>	<b>1.4</b>
Zinc, Total	7440-66-6	ug/L		--	<b>30</b>	<b>22</b>	<b>60</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>83</b>	<b>83</b>	<b>85</b>
Chloride	16887-00-6	mg/L		--	<b>11</b>	<b>12</b>	<b>11</b>
Fluoride	16984-48-8	mg/L		--	<b>0.34</b>	<b>0.33</b>	<b>0.35</b>
Nitrate as N	14797-55-8	mg/L		--	< 0.023 U	< 0.023 UJ	
pH	STL00204	SU		--	<b>8.15 J</b>	<b>8.22 J</b>	<b>7.67 J</b>
Sulfate	14808-79-8	mg/L		--	<b>92</b>	<b>93</b>	<b>91</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>260</b>	<b>240</b>	<b>160</b>
Total Hardness	STL00009	mg/L		--	<b>180</b>	<b>190</b>	<b>200</b>
Total Suspended Solids	STL00161	mg/L		--	<b>30</b>	<b>58</b>	<b>880</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	ADW-021	ADW-021	ADW-021		
			Sample ID	ADW-021-150810-11	ADW-021-150810-12	ADW-021-150811-11		
			Date	8/10/2015	8/10/2015	8/11/2015		
			Sample Time	10:05	10:05	10:15		
			Latitude	36.87280	36.87280	36.87280		
			Longitude	-107.96084	-107.96084	-107.96084		
<b>Recreational RSL</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>45 J</b>	<b>57 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0.37 U	< 0.37 U		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>57</b>	<b>60</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>60000</b>	<b>60000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	<b>1.3 J</b>		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.13 J</b>	<b>0.13 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>3.4</b>	<b>2.2</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	<b>34 J</b>		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.12 J</b>	<b>0.46</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8500</b>	<b>8500</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>13</b>	<b>15</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.1</b>	<b>1.3 J</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>2.9 J</b>	<b>1.2 J</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2100</b>	<b>2000</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>13000</b>	<b>13000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0.3 U	< 0.3 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>3.3 J</b>	<b>6.7 J</b>		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>370</b>	<b>300</b>	<b>190 J</b>
Antimony, Total	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	<b>0.81 J</b>	< 0.37 U	<b>0.58 J</b>
Barium, Total	7440-39-3	ug/L		--	<b>65</b>	<b>62</b>	<b>63</b>
Beryllium, Total	7440-41-7	ug/L		--	< 0.15 U	< 0.15 U	< 0.15 U
Cadmium, Total	7440-43-9	ug/L		--	<b>0.078 J</b>	<b>0.1</b>	<b>0.099 J</b>
Calcium, Total	7440-70-2	ug/L		--	<b>61000</b>	<b>60000</b>	<b>59000</b>
Chromium, Total	7440-47-3	ug/L		--	< 1 U	< 1 U	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.26 J</b>	<b>0.23 J</b>	<b>0.22 J</b>
Copper, Total	7440-50-8	ug/L		--	<b>5.3</b>	<b>4.8</b>	<b>4.3</b>
Iron, Total	7439-89-6	ug/L		--	<b>760 J</b>	<b>610 J</b>	<b>400</b>
Lead, Total	7439-92-1	ug/L		--	<b>9.8 J</b>	<b>8.3 J</b>	<b>5.1</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>8700</b>	<b>8500</b>	<b>8500</b>
Manganese, Total	7439-96-5	ug/L		--	<b>63 J</b>	<b>52 J</b>	<b>53</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.1</b>	<b>1.1 J</b>	<b>0.98 J</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1 J</b>	<b>0.93 J</b>	<b>1.1</b>
Potassium, Total	7440-09-7	ug/L		--	<b>2100</b>	<b>2100</b>	<b>2200</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	<b>13000</b>	<b>13000</b>	<b>13000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	<b>0.9 J</b>	<b>0.76 J</b>	<b>0.45 J</b>
Zinc, Total	7440-66-6	ug/L		--	<b>29</b>	<b>26</b>	<b>23</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>90</b>	<b>89</b>	<b>99</b>
Chloride	16887-00-6	mg/L		--	<b>11</b>	<b>11</b>	<b>12</b>
Fluoride	16984-48-8	mg/L		--	<b>0.34</b>	<b>0.34</b>	<b>0.33</b>
Nitrate as N	14797-55-8	mg/L		--	<b>0.042 J</b>	<b>0.05</b>	<b>0.042 J</b>
pH	STL00204	SU		--	<b>8.15 J</b>	<b>8.11 J</b>	<b>8.23 J</b>
Sulfate	14808-79-8	mg/L		--	<b>87</b>	<b>88</b>	<b>89</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>260</b>	<b>240</b>	<b>250</b>
Total Hardness	STL00009	mg/L		--	<b>190</b>	<b>180</b>	<b>180</b>
Total Suspended Solids	STL00161	mg/L		--	<b>25</b>	<b>28</b>	<b>30</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	ADW-022	ADW-022	ADW-022		
			Sample ID	ADW-022-150809-11	ADW-022-150810-11	ADW-022-150811-11		
			Date	8/9/2015	8/10/2015	8/11/2015		
			Sample Time	12:10	11:55	12:35		
			Latitude	36.92056	36.92056	36.92056		
			Longitude	-107.90991	-107.90991	-107.90991		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>37 J</b>	<b>39 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0.37 U	< 0.37 U		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>61</b>	<b>62</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>62000</b>	<b>63000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	< 0.12 U	<b>0.12 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2</b>	<b>3.3</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.33</b>	<b>0.15 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8300</b>	<b>8600</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>14</b>	<b>14</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>0.98 J</b>	<b>1.1</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.2</b>	<b>1.4 J</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2100</b>	<b>2100</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>12000</b>	<b>13000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0.3 U	< 0.3 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>5.9 J</b>	<b>2.9 J</b>		
						<b>75 J</b>		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>780</b>	<b>310</b>	<b>620</b>
Antimony, Total	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	<b>1.7</b>	<b>0.42 J</b>	<b>0.83 J</b>
Barium, Total	7440-39-3	ug/L		--	<b>71</b>	<b>65</b>	<b>80</b>
Beryllium, Total	7440-41-7	ug/L		--	< 0.15 U	< 0.15 U	< 0.15 U
Cadmium, Total	7440-43-9	ug/L		--	<b>0.18</b>	<b>0.059 J</b>	<b>0.17</b>
Calcium, Total	7440-70-2	ug/L		--	<b>62000</b>	<b>62000</b>	<b>67000</b>
Chromium, Total	7440-47-3	ug/L		--	< 1 U	< 1 U	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.44</b>	<b>0.24 J</b>	<b>0.47</b>
Copper, Total	7440-50-8	ug/L		--	<b>10</b>	<b>4.8</b>	<b>5.8</b>
Iron, Total	7439-89-6	ug/L		--	<b>2400 J</b>	<b>640 J</b>	<b>890</b>
Lead, Total	7439-92-1	ug/L		--	<b>34 J</b>	<b>8.5 J</b>	<b>12</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>8200</b>	<b>8500</b>	<b>9100</b>
Manganese, Total	7439-96-5	ug/L		--	<b>98 J</b>	<b>53 J</b>	<b>87</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.2</b>	<b>1</b>	<b>1.1</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1.1</b>	<b>0.92 J</b>	<b>1.3</b>
Potassium, Total	7440-09-7	ug/L		--	<b>2200</b>	<b>2100</b>	<b>2400</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	<b>0.21 J</b>	< 0.1 U	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	<b>11000</b>	<b>12000</b>	<b>13000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	<b>1.9</b>	<b>0.65 J</b>	<b>1.2</b>
Zinc, Total	7440-66-6	ug/L		--	<b>58</b>	<b>27</b>	<b>38 J</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>88</b>	<b>93</b>	<b>96</b>
Chloride	16887-00-6	mg/L		--	<b>10</b>	<b>11</b>	<b>11</b>
Fluoride	16984-48-8	mg/L		--	<b>0.34</b>	<b>0.33</b>	<b>0.31</b>
Nitrate as N	14797-55-8	mg/L		--		< 0.023 U	< 0.023 U
pH	STL00204	SU		--	<b>8.16 J</b>	<b>8.28 J</b>	<b>8.38 J</b>
Sulfate	14808-79-8	mg/L		--	<b>87</b>	<b>86</b>	<b>88</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>250</b>	<b>260</b>	<b>270</b>
Total Hardness	STL00009	mg/L		--	<b>190</b>	<b>190</b>	<b>200</b>
Total Suspended Solids	STL00161	mg/L		--	<b>610</b>	<b>19</b>	<b>40</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	ADWS-ARP	ADWS-IT1	ADWS-IT1		
			Sample ID	ADWS-ARP-150808-11	ADWS-IT1-150807-21	ADWS-IT1-150807-22		
			Date	8/8/2015	8/7/2015	8/7/2015		
			Sample Time	8:20	12:02	12:02		
			Latitude	36.83855	36.87284	36.87284		
			Longitude	-107.9921	-107.9607	-107.9607		
<b>Recreational RSL</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	< 24 U	<b>32 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0 U	< 1 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	<b>0.58 J</b>	<b>0.52 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>49</b>	<b>66</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0 U	< 0.4 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0 U	< 0.1 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>61000</b>	<b>58000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 2 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	< 0 U	<b>0.12 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>1.3</b>	<b>1</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 50 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.17 J</b>	< 0.3 U		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8100</b>	<b>8500</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>2.9</b>	<b>7.1</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0 U	< 0.2 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.5</b>	<b>1</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.2</b>	<b>1.4</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2200</b>	<b>2200</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 1 U	< 2 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0 U	< 1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>14000</b>	<b>14000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0 U	< 0.2 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0 U	<b>0.32 J</b>		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	< 3 U	< 20 U		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	4200 J-	600	660
Antimony, Total	7440-36-0	ug/L		--	1.5	< 1 U	< 1 U
Arsenic, Total	7440-38-2	ug/L		--	11	0.61 J	0.84 J
Barium, Total	7440-39-3	ug/L		--	97 J-	71	72
Beryllium, Total	7440-41-7	ug/L		--	0.29 J	< 0.4 U	< 0.4 U
Cadmium, Total	7440-43-9	ug/L		--	0.55	0.099 J	0.11
Calcium, Total	7440-70-2	ug/L		--	69000	58000	58000
Chromium, Total	7440-47-3	ug/L		--	1.7 J	< 2 U	< 2 U
Cobalt, Total	7440-48-4	ug/L		--	1.3	0.32 J	0.35 J
Copper, Total	7440-50-8	ug/L		--	49	2.4	2.7
Iron, Total	7439-89-6	ug/L		--	15000	480	530
Lead, Total	7439-92-1	ug/L		--	230	2	2.2
Magnesium, Total	7439-95-4	ug/L		--	9400	8500	8500
Manganese, Total	7439-96-5	ug/L		--	260	60	65
Mercury, Total	7439-97-6	ug/L		--	< 0 U	< 0.2 U	< 0.2 U
Molybdenum, Total	7439-98-7	ug/L		--	4	1.1	1
Nickel, Total	7440-02-0	ug/L		--	2.1	1.6	1.8
Potassium, Total	7440-09-7	ug/L		--	3700	2300	2300
Selenium, Total	7782-49-2	ug/L		--	0.58 J	< 2 U	< 2 U
Silver, Total	7440-22-4	ug/L		--	1.6	< 1 U	< 1 U
Sodium, Total	7440-23-5	ug/L		--	15000	14000	14000
Thallium, Total	7440-28-0	ug/L		--	0.12 J	0.15 J	< 0.2 U
Vanadium, Total	7440-62-2	ug/L		--	10	0.8 J	0.94 J
Zinc, Total	7440-66-6	ug/L		--	180	20	21
<b>General</b>							
Alkalinity	STL00171	mg/L		--	87	92	93
Chloride	16887-00-6	mg/L		--			
Fluoride	16984-48-8	mg/L		--			
Nitrate as N	14797-55-8	mg/L		--			
pH	STL00204	SU		--	8.04 J	8.17 J	8.26 J
Sulfate	14808-79-8	mg/L		--			

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>290</b>		
Total Hardness	STL00009	mg/L		--	<b>210</b>	<b>180</b>	<b>180</b>
Total Suspended Solids	STL00161	mg/L		--	<b>140</b>	<b>23</b>	<b>24</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	ADWS-IT1	ADWS-IT2	ADWS-IT2		
			Sample ID	ADWS-IT1-150808-11	ADWS-IT2-150807-21	ADWS-IT2-150808-11		
			Date	8/8/2015	8/7/2015	8/8/2015		
			Sample Time	9:55	11:32	13:40		
			Latitude	36.87284	36.93330	36.93330		
			Longitude	-107.9607	-107.909	-107.909		
<b>Recreational</b>								
<b>IRSL</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	< 24 U	<b>30 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0 U	< 1 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0 U	<b>0.54 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>50</b>	<b>67</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0 U	< 0.4 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0 U	< 0.1 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>60000</b>	<b>59000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 2 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	< 0 U	<b>0.13 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>1.4</b>	<b>1.1</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 50 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.15 J</b>	<b>0.061 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8100</b>	<b>8300</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>3</b>	<b>7.1</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0 U	< 0.2 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.3</b>	<b>1</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.2</b>	<b>1.4</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2100</b>	<b>2200</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 1 U	< 2 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0 U	< 1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>13000</b>	<b>13000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	<b>0.15 J</b>	<b>0.11 J</b>		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0 U	< 1 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	< 3 U	< 20 U		
						< 3 U		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>2800 J-</b>	<b>540</b>	<b>1900 J-</b>
Antimony, Total	7440-36-0	ug/L		--	<b>1.1</b>	< 1 U	<b>0.73 J</b>
Arsenic, Total	7440-38-2	ug/L		--	<b>7.6</b>	<b>0.63 J</b>	<b>4.4</b>
Barium, Total	7440-39-3	ug/L		--	<b>84 J-</b>	<b>71</b>	<b>75 J-</b>
Beryllium, Total	7440-41-7	ug/L		--	<b>0.2 J</b>	< 0.4 U	< 0 U
Cadmium, Total	7440-43-9	ug/L		--	<b>0.4</b>	<b>0.11</b>	<b>0.3</b>
Calcium, Total	7440-70-2	ug/L		--	<b>67000</b>	<b>58000</b>	<b>61000</b>
Chromium, Total	7440-47-3	ug/L		--	<b>1.1 J</b>	< 2 U	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.95</b>	<b>0.3 J</b>	<b>0.68</b>
Copper, Total	7440-50-8	ug/L		--	<b>34</b>	<b>2.3</b>	<b>23</b>
Iron, Total	7439-89-6	ug/L		--	<b>10000</b>	<b>420</b>	<b>6000</b>
Lead, Total	7439-92-1	ug/L		--	<b>150</b>	<b>1.7</b>	<b>81</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>9100</b>	<b>8200</b>	<b>8400</b>
Manganese, Total	7439-96-5	ug/L		--	<b>200</b>	<b>53</b>	<b>150</b>
Mercury, Total	7439-97-6	ug/L		--	< 0 U	< 0.2 U	< 0 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>3</b>	<b>1</b>	<b>2</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1.8</b>	<b>1.6</b>	<b>1.4</b>
Potassium, Total	7440-09-7	ug/L		--	<b>3200</b>	<b>2300</b>	<b>2900</b>
Selenium, Total	7782-49-2	ug/L		--	< 1 U	< 2 U	< 1 U
Silver, Total	7440-22-4	ug/L		--	<b>1</b>	< 1 U	<b>0.55 J</b>
Sodium, Total	7440-23-5	ug/L		--	<b>14000</b>	<b>13000</b>	<b>13000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0 U	< 0.2 U	< 0 U
Vanadium, Total	7440-62-2	ug/L		--	<b>6.9</b>	<b>0.83 J</b>	<b>4.3</b>
Zinc, Total	7440-66-6	ug/L		--	<b>140</b>	<b>19 J</b>	<b>110</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>94</b>	<b>93</b>	<b>91</b>
Chloride	16887-00-6	mg/L		--			
Fluoride	16984-48-8	mg/L		--			
Nitrate as N	14797-55-8	mg/L		--			
pH	STL00204	SU		--	<b>8.06 J</b>	<b>8.2 J</b>	<b>8.13 J</b>
Sulfate	14808-79-8	mg/L		--			

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>260</b>		<b>260</b>
Total Hardness	STL00009	mg/L		--	<b>200</b>	<b>180</b>	<b>190</b>
Total Suspended Solids	STL00161	mg/L		--	<b>93</b>	<b>21</b>	<b>67</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	FW-012	FW-012	FW-012	FW-040		
			Sample ID	FW-012-150809-11	FW-012-150810-11	FW-012-150811-11	FW-040-150809-11		
			Date	8/9/2015	8/10/2015	8/11/2015	8/9/2015		
			Sample Time	13:10	10:40	9:20	10:40		
			Latitude	36.78364	36.78364	36.78364	36.71966		
			Longitude	-108.10211	-108.10211	-108.10211	-108.20713		
<b>Recreational</b>									
<b>1 RSL</b>									
<b>Metals, Dissolved</b>									
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>46 J</b>	<b>36 J</b>	<b>34 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0.37 U	< 0.37 U	< 0.37 U		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>62</b>	<b>58</b>	<b>64</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	<b>0.043 J</b>	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>68000</b>	<b>63000</b>	<b>66000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	< 0.12 U	< 0.12 U	<b>0.12 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2.1</b>	<b>2.4</b>	<b>2.6</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	<b>34 J</b>	< 17 U	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.84</b>	<b>0.073 J</b>	<b>0.13 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8900</b>	<b>8400</b>	<b>8800</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>13</b>	<b>12</b>	<b>14</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.2</b>	<b>1.2</b>	<b>1.1</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>0.87 J</b>	<b>0.8 J</b>	<b>1</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2200</b>	<b>2000</b>	<b>2200</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>16000</b>	<b>15000</b>	<b>16000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0.3 U	< 0.3 U	< 0.3 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>15 J</b>	< 2.8 U	<b>5.2 J</b>		
							<b>86 J</b>		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>								
Aluminum, Total	7429-90-5	ug/L		--	1300	420	220	510
Antimony, Total	7440-36-0	ug/L		--	0.45 J	< 0.4 U	< 0.4 U	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	2.2	0.84 J	< 0.37 U	1.6
Barium, Total	7440-39-3	ug/L		--	80	66	68	80
Beryllium, Total	7440-41-7	ug/L		--	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Cadmium, Total	7440-43-9	ug/L		--	0.11	0.068 J	0.086 J	0.19
Calcium, Total	7440-70-2	ug/L		--	68000	64000	65000	69000
Chromium, Total	7440-47-3	ug/L		--	< 1 U	< 1 U	< 1 U	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	0.62	0.31 J	0.25 J	0.58
Copper, Total	7440-50-8	ug/L		--	12	5.4	3.9	10
Iron, Total	7439-89-6	ug/L		--	3200 J	790 J	390	1900 J
Lead, Total	7439-92-1	ug/L		--	41 J	9.7 J	5.1	14 J
Magnesium, Total	7439-95-4	ug/L		--	9100	8600	8700	8800
Manganese, Total	7439-96-5	ug/L		--	120 J	75 J	57	160 J
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	1.6	1.1	1.1	0.93 J
Nickel, Total	7440-02-0	ug/L		--	1.4	1.3	0.93 J	1.2 J
Potassium, Total	7440-09-7	ug/L		--	2500	2100	2200	2200
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 0.58 U	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	0.27 J	< 0.1 U	< 0.1 U	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	16000	15000	16000	16000
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	2.6	1	0.44 J	1.8
Zinc, Total	7440-66-6	ug/L		--	63	30	20	71 J
<b>General</b>								
Alkalinity	STL00171	mg/L		--	94	87	93	110
Chloride	16887-00-6	mg/L		--	12	11	12	12
Fluoride	16984-48-8	mg/L		--	0.36	0.35	0.33	0.36
Nitrate as N	14797-55-8	mg/L		--		< 0.023 U	< 0.023 UJ	
pH	STL00204	SU		--	8.26 J	8.16 J	8.19 J	8.15 J
Sulfate	14808-79-8	mg/L		--	100	100	100	100

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Total Dissolved Solids	STL00242	mg/L		--	<b>290</b>	270	270	280
Total Hardness	STL00009	mg/L		--	<b>210</b>	200	200	210
Total Suspended Solids	STL00161	mg/L		--	<b>1100</b>	37	24	1600

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	FW-040	FW-040	FWS-ARP2		
			Sample ID	FW-040-150810-11	FW-040-150811-11	FWS-ARP2-150807-21		
			Date	8/10/2015	8/11/2015	8/7/2015		
			Sample Time	12:20	13:05	13:48		
			Latitude	36.71966	36.71966	36.78357		
			Longitude	-108.20713	-108.20713	-108.10213		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>79 J</b>	<b>35 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0.37 U	<b>0.43 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>60</b>	<b>65</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>64000</b>	<b>67000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.13 J</b>	<b>0.12 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2.6</b>	<b>2.8</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	<b>91</b>	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>1.5</b>	<b>0.22 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8400</b>	<b>8900</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>13</b>	<b>8.2</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.2</b>	<b>1.2 J</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>0.96 J</b>	<b>1.2</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2000</b>	<b>2200</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>15000</b>	<b>17000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0.3 U	< 0.3 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>4.8 J</b>	< 2.8 U		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>480</b>	<b>260</b>	<b>1400</b>
Antimony, Total	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	< 1 U
Arsenic, Total	7440-38-2	ug/L		--	< 0.37 U	<b>0.7 J</b>	<b>0.81 J</b>
Barium, Total	7440-39-3	ug/L		--	<b>70</b>	<b>70</b>	<b>79</b>
Beryllium, Total	7440-41-7	ug/L		--	< 0.15 U	< 0.15 U	< 0.4 U
Cadmium, Total	7440-43-9	ug/L		--	<b>0.066 J</b>	<b>0.13</b>	<b>0.092 J</b>
Calcium, Total	7440-70-2	ug/L		--	<b>67000</b>	<b>69000</b>	<b>67000</b>
Chromium, Total	7440-47-3	ug/L		--	< 1 U	< 1 U	< 2 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.34 J</b>	<b>0.28 J</b>	<b>0.52</b>
Copper, Total	7440-50-8	ug/L		--	<b>5.9</b>	<b>9.5</b>	<b>3.1</b>
Iron, Total	7439-89-6	ug/L		--	<b>910 J</b>	<b>400</b>	<b>1000</b>
Lead, Total	7439-92-1	ug/L		--	<b>11 J</b>	<b>5.7</b>	<b>2.6</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>8800</b>	<b>9100</b>	<b>9600</b>
Manganese, Total	7439-96-5	ug/L		--	<b>79 J</b>	<b>64</b>	<b>91</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.2 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.2</b>	<b>1 J</b>	<b>1.2</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1.1</b>	<b>1.3</b>	<b>2.1</b>
Potassium, Total	7440-09-7	ug/L		--	<b>2200</b>	<b>2300</b>	<b>2600</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 2 U
Silver, Total	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U	< 1 U
Sodium, Total	7440-23-5	ug/L		--	<b>16000</b>	<b>17000</b>	<b>22000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.2 U
Vanadium, Total	7440-62-2	ug/L		--	<b>1</b>	<b>0.51 J</b>	<b>1.9</b>
Zinc, Total	7440-66-6	ug/L		--	<b>32</b>	<b>37</b>	<b>20</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>90</b>	<b>94</b>	<b>91</b>
Chloride	16887-00-6	mg/L		--	<b>11</b>	<b>12</b>	
Fluoride	16984-48-8	mg/L		--	<b>0.35</b>	<b>0.33</b>	
Nitrate as N	14797-55-8	mg/L		--		< 0.023 U	
pH	STL00204	SU		--	<b>8.22 J</b>	<b>8.26 J</b>	<b>8.31 J</b>
Sulfate	14808-79-8	mg/L		--	<b>110</b>	<b>100</b>	

Table 1  
 Surfacewater Analytical Data - Region 6  
 Upper Animas River

Total Dissolved Solids	STL00242	mg/L		--	<b>290</b>	<b>280</b>	
Total Hardness	STL00009	mg/L		--	<b>200</b>	<b>210</b>	<b>210</b>
Total Suspended Solids	STL00161	mg/L		--	<b>42</b>	<b>42</b>	<b>43</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	FWS-ARP2	FWS-FDPS	LVW-020		
			Sample ID	FWS-ARP2-150808-11	FWS-FDPS-150808-11	LVW-020-150809-11		
			Date	8/8/2015	8/8/2015	8/9/2015		
			Sample Time	11:50	16:15	9:35		
			Latitude	36.78357	36.71455	36.73056		
			Longitude	-108.10213	-108.21644	-108.25105		
<b>Recreational RSL</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	< 24 U	< 24 U		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0 U	< 0 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	<b>0.38 J</b>	<b>0.76 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>56</b>	<b>60</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0 U	< 0 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0 U	< 0 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>66000</b>	<b>66000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.12 J</b>	<b>0.14 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>1.4</b>	<b>1.6</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.14 J</b>	<b>0.2 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8300</b>	<b>8400</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>1.7 J</b>	<b>1.6 J</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0 U	< 0 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.7</b>	<b>1.7</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.4</b>	<b>1.8</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2200</b>	<b>2200</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 1 U	< 1 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0 U	< 0 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>16000</b>	<b>16000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0 U	< 0 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	<b>0.37 J</b>	<b>0.36 J</b>		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	< 3 U	<b>66 J</b>		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	5300 J-	5000 J-	3200
Antimony, Total	7440-36-0	ug/L		--	1.6	1.4	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	11	10	2.4
Barium, Total	7440-39-3	ug/L		--	100 J-	110 J-	170
Beryllium, Total	7440-41-7	ug/L		--	0.31 J	0.3 J	0.65
Cadmium, Total	7440-43-9	ug/L		--	0.5	0.45	0.15
Calcium, Total	7440-70-2	ug/L		--	69000	70000	63000
Chromium, Total	7440-47-3	ug/L		--	1.8 J	1.8 J	1.3 J
Cobalt, Total	7440-48-4	ug/L		--	1.2	1.3	3.2
Copper, Total	7440-50-8	ug/L		--	47	43	12
Iron, Total	7439-89-6	ug/L		--	16000	14000	2400 J
Lead, Total	7439-92-1	ug/L		--	220	200	11 J
Magnesium, Total	7439-95-4	ug/L		--	9400	9600	8000
Manganese, Total	7439-96-5	ug/L		--	220	230	340 J
Mercury, Total	7439-97-6	ug/L		--	< 0 U	< 0 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	4.1	3.7	0.7 J
Nickel, Total	7440-02-0	ug/L		--	2.1	2.3	3.4
Potassium, Total	7440-09-7	ug/L		--	4000	3800	3100
Selenium, Total	7782-49-2	ug/L		--	1 J	0.83 J	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	1.6	1.4	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	17000	17000	19000
Thallium, Total	7440-28-0	ug/L		--	0.12 J	0.11 J	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	11	10	6.8
Zinc, Total	7440-66-6	ug/L		--	170	160	45 J
<b>General</b>							
Alkalinity	STL00171	mg/L		--	88	90	96
Chloride	16887-00-6	mg/L		--			7.8
Fluoride	16984-48-8	mg/L		--			0.28
Nitrate as N	14797-55-8	mg/L		--			
pH	STL00204	SU		--	8.1 J	8.1 J	8.08 J
Sulfate	14808-79-8	mg/L		--			78

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>290</b>	<b>290</b>	<b>200</b>
Total Hardness	STL00009	mg/L		--	<b>210</b>	<b>210</b>	<b>190</b>
Total Suspended Solids	STL00161	mg/L		--	<b>170</b>	<b>150</b>	<b>2800</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	LVW-020	LVW-020	LVW-030		
			Sample ID	LVW-020-150810-11	LVW-020-150811-11	LVW-030-150809-11		
			Date	8/10/2015	8/11/2015	8/9/2015		
			Sample Time	13:10	11:00	8:45		
			Latitude	36.73056	36.73056	36.72181		
			Longitude	-108.25105	-108.25105	-108.32593		
<b>Recreational RSL</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	< 24 U	< 24 U		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	<b>0.48 J</b>	<b>0.91 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>68</b>	<b>76</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>50000</b>	<b>59000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.12 J</b>	<b>0.13 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2.4</b>	<b>3.1</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.11 J</b>	< 0.06 U		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>6700</b>	<b>7900</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>6.7</b>	<b>3.2</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.3</b>	<b>1.3 J</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.5</b>	<b>1.3</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2200</b>	<b>2500</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>18000</b>	<b>21000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	<b>0.48 J</b>	<b>0.73 J</b>		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>2.8 J</b>	<b>30</b>		
						<b>48</b>		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>3500</b>	<b>790</b>	<b>4300</b>
Antimony, Total	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	<b>1.3</b>	<b>1.1</b>	<b>2.6</b>
Barium, Total	7440-39-3	ug/L		--	<b>120</b>	<b>110</b>	<b>200</b>
Beryllium, Total	7440-41-7	ug/L		--	<b>0.29 J</b>	<b>0.17 J</b>	<b>0.94</b>
Cadmium, Total	7440-43-9	ug/L		--	<b>0.057 J</b>	< 0.043 U	<b>0.19</b>
Calcium, Total	7440-70-2	ug/L		--	<b>55000</b>	<b>60000</b>	<b>67000</b>
Chromium, Total	7440-47-3	ug/L		--	<b>2.1</b>	< 1 U	<b>2.2</b>
Cobalt, Total	7440-48-4	ug/L		--	<b>1.6</b>	<b>0.88</b>	<b>4.5</b>
Copper, Total	7440-50-8	ug/L		--	<b>6.2</b>	<b>4.8</b>	<b>15</b>
Iron, Total	7439-89-6	ug/L		--	<b>2400 J</b>	<b>590</b>	<b>3100 J</b>
Lead, Total	7439-92-1	ug/L		--	<b>6.5 J</b>	<b>3.5</b>	<b>13 J</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>7600</b>	<b>7900</b>	<b>8300</b>
Manganese, Total	7439-96-5	ug/L		--	<b>140 J</b>	<b>100</b>	<b>470 J</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.1</b>	<b>0.96 J</b>	<b>0.58 J</b>
Nickel, Total	7440-02-0	ug/L		--	<b>2.3</b>	<b>1.6</b>	<b>4.4</b>
Potassium, Total	7440-09-7	ug/L		--	<b>3000</b>	<b>2500</b>	<b>3400</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	<b>18000</b>	<b>20000</b>	<b>20000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	<b>5.3</b>	<b>2.3</b>	<b>9.6</b>
Zinc, Total	7440-66-6	ug/L		--	<b>20</b>	<b>110</b>	<b>49</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>89</b>	<b>95</b>	<b>90</b>
Chloride	16887-00-6	mg/L		--	<b>7.3</b>	<b>9.4</b>	<b>7.5</b>
Fluoride	16984-48-8	mg/L		--	<b>0.26</b>	<b>0.27</b>	<b>0.28</b>
Nitrate as N	14797-55-8	mg/L		--	< 0.023 UJ		
pH	STL00204	SU		--	<b>8.08 J</b>	<b>8.22 J</b>	<b>8.08 J</b>
Sulfate	14808-79-8	mg/L		--	<b>78</b>	<b>89</b>	<b>78</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>240</b>	<b>270</b>	<b>130</b>
Total Hardness	STL00009	mg/L		--	<b>150</b>	<b>180</b>	<b>200</b>
Total Suspended Solids	STL00161	mg/L		--	<b>480</b>	<b>190</b>	<b>1200</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	LVW-030	LVW-030	LVW-FD		
			Sample ID	LVW-030-150810-11	LVW-030-150811-11	LVW-FD-150807-21		
			Date	8/10/2015	8/11/2015	8/7/2015		
			Sample Time	13:55	11:45	15:34		
			Latitude	36.72181	36.72181	36.73156		
			Longitude	-108.32593	-108.32593	-108.31426		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	< 24 U	< 24 U		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	<b>0.53 J</b>	<b>0.46 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>70</b>	<b>78</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>51000</b>	<b>59000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.12 J</b>	<b>0.13 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2.3</b>	<b>2.1</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.069 J</b>	< 0.06 U		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>6800</b>	<b>7800</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>6.7</b>	<b>4.5</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.3 J</b>	<b>1.3 J</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.3</b>	<b>1.2</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2300</b>	<b>2400</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>18000</b>	<b>21000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	<b>0.91 J</b>	<b>0.71 J</b>		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	< 2.8 U	<b>35</b>		
						< 20 U		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>4700</b>	<b>1200</b>	<b>2300</b>
Antimony, Total	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	< 1 U
Arsenic, Total	7440-38-2	ug/L		--	<b>1.7</b>	<b>1.1</b>	<b>1.4</b>
Barium, Total	7440-39-3	ug/L		--	<b>140</b>	<b>110</b>	<b>120</b>
Beryllium, Total	7440-41-7	ug/L		--	<b>0.36 J</b>	<b>0.21 J</b>	< 0.4 U
Cadmium, Total	7440-43-9	ug/L		--	<b>0.049 J</b>	< 0.043 U	<b>0.064 J</b>
Calcium, Total	7440-70-2	ug/L		--	<b>55000</b>	<b>62000</b>	<b>75000</b>
Chromium, Total	7440-47-3	ug/L		--	<b>2.6</b>	< 1 U	<b>1.2 J</b>
Cobalt, Total	7440-48-4	ug/L		--	<b>2.1</b>	<b>1.1</b>	<b>0.56</b>
Copper, Total	7440-50-8	ug/L		--	<b>7.3</b>	<b>4.9</b>	<b>3.1</b>
Iron, Total	7439-89-6	ug/L		--	<b>3100 J</b>	<b>740</b>	<b>1400</b>
Lead, Total	7439-92-1	ug/L		--	<b>7.9 J</b>	<b>3.5</b>	<b>2.9</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>7600</b>	<b>8100</b>	<b>10000</b>
Manganese, Total	7439-96-5	ug/L		--	<b>190 J</b>	<b>130</b>	<b>83</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.2 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.1 J</b>	<b>0.91 J</b>	<b>1.5</b>
Nickel, Total	7440-02-0	ug/L		--	<b>2.8</b>	<b>1.8</b>	<b>2.4</b>
Potassium, Total	7440-09-7	ug/L		--	<b>3200</b>	<b>2600</b>	<b>3200</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 2 U
Silver, Total	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U	< 1 U
Sodium, Total	7440-23-5	ug/L		--	<b>18000</b>	<b>20000</b>	<b>29000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.2 U
Vanadium, Total	7440-62-2	ug/L		--	<b>7.2</b>	<b>2.8</b>	<b>3.1</b>
Zinc, Total	7440-66-6	ug/L		--	<b>25</b>	<b>17 J</b>	<b>13 J</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>89</b>	<b>95</b>	<b>120</b>
Chloride	16887-00-6	mg/L		--	<b>6.8</b>	<b>9.1</b>	
Fluoride	16984-48-8	mg/L		--	<b>0.26</b>	<b>0.27</b>	
Nitrate as N	14797-55-8	mg/L		--		< 0.023 UJ	
pH	STL00204	SU		--	<b>8.08 J</b>	<b>8.2 J</b>	<b>8.11 J</b>
Sulfate	14808-79-8	mg/L		--	<b>78</b>	<b>89</b>	

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>240</b>	<b>260</b>	
Total Hardness	STL00009	mg/L		--	<b>170</b>	<b>190</b>	<b>230</b>
Total Suspended Solids	STL00161	mg/L		--	<b>440</b>	<b>370</b>	<b>36</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	LVW-FD	LVW-WPI	MW-020		
			Sample ID	LVW-FD-150808-11	LVW-WPI-150808-11	MW-020-150809-11		
			Date	8/8/2015	8/8/2015	8/9/2015		
			Sample Time	15:20	14:20	14:30		
			Latitude	36.73156	36.73139	36.77191		
			Longitude	-108.31426	-108.249	-108.11860		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>390</b>	<b>270</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0 U	< 0 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	<b>0.76 J</b>	<b>0.76 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>81</b>	<b>70</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0 U	< 0 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0 U	< 0 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>52000</b>	<b>51000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.23 J</b>	<b>0.18 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>1.7</b>	<b>1.5</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	<b>220</b>	<b>150</b>		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.5</b>	<b>0.36</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>6600</b>	<b>6500</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>20</b>	<b>3.5</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0 U	< 0 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.8</b>	<b>1.8</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.8</b>	<b>1.5</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2500</b>	<b>2500</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 1 U	< 1 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0 U	< 0 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>20000</b>	<b>19000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0 U	<b>0.15 J</b>		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	<b>0.73 J</b>	<b>0.68 J</b>		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	< 3 U	< 3 U		
						<b>25</b>		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	22000 J-	29000 J-	500
Antimony, Total	7440-36-0	ug/L		--	0.64 J	1.2	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	14	15	1.6
Barium, Total	7440-39-3	ug/L		--	370 J-	400 J-	76
Beryllium, Total	7440-41-7	ug/L		--	1.2	1.5	< 0.15 U
Cadmium, Total	7440-43-9	ug/L		--	0.34	0.45	0.12
Calcium, Total	7440-70-2	ug/L		--	64000	67000	68000
Chromium, Total	7440-47-3	ug/L		--	12	17	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	8.3	10	0.47
Copper, Total	7440-50-8	ug/L		--	55	58	9.5
Iron, Total	7439-89-6	ug/L		--	30000	36000	1800 J
Lead, Total	7439-92-1	ug/L		--	240	240	15 J
Magnesium, Total	7439-95-4	ug/L		--	11000	12000	8900
Manganese, Total	7439-96-5	ug/L		--	530	620	130 J
Mercury, Total	7439-97-6	ug/L		--	0.089 J	< 0 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	3.4	4.4	0.98 J
Nickel, Total	7440-02-0	ug/L		--	12	14	1.3
Potassium, Total	7440-09-7	ug/L		--	7000	8400	2300
Selenium, Total	7782-49-2	ug/L		--	1.4 J	1 J	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	1.6	1.5	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	22000	21000	15000
Thallium, Total	7440-28-0	ug/L		--	0.29	0.37	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	34	46	1.6
Zinc, Total	7440-66-6	ug/L		--	160	170	63
<b>General</b>							
Alkalinity	STL00171	mg/L		--	83	83	95
Chloride	16887-00-6	mg/L		--			12
Fluoride	16984-48-8	mg/L		--			0.36
Nitrate as N	14797-55-8	mg/L		--			
pH	STL00204	SU		--	8.03 J	8.02 J	8.31 J
Sulfate	14808-79-8	mg/L		--			100

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>260</b>	<b>270</b>	<b>260</b>
Total Hardness	STL00009	mg/L		--	<b>210</b>	<b>220</b>	<b>210</b>
Total Suspended Solids	STL00161	mg/L		--	<b>910</b>	<b>1100</b>	<b>1200</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	MW-020	MW-020	MWSS-ARI		
			Sample ID	MW-020-150810-11	MW-020-150811-11	MWSS-ARI-150808-11		
			Date	8/10/2015	8/11/2015	8/8/2015		
			Sample Time	9:20	13:55	12:50		
			Latitude	36.77191	36.77191	36.77134		
			Longitude	-108.11860	-108.11860	-108.1189		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>39 J</b>	<b>41 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0.37 U	< 0.37 U		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>60</b>	<b>62</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>65000</b>	<b>64000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	<b>0.12 J</b>	< 0.12 U		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2.2</b>	<b>2.7</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.31</b>	<b>0.21 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8500</b>	<b>8900</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>14</b>	<b>12</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>1.2</b>	<b>1.4 J</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.3 J</b>	<b>1.3 J</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2000</b>	<b>2300</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>15000</b>	<b>17000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0.3 U	< 0.3 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>3.1 J</b>	< 2.8 U		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>530</b>	<b>230</b>	<b>4600 J-</b>
Antimony, Total	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U	<b>1.5</b>
Arsenic, Total	7440-38-2	ug/L		--	<b>0.66 J</b>	<b>0.62 J</b>	<b>11</b>
Barium, Total	7440-39-3	ug/L		--	<b>69</b>	<b>66</b>	<b>110 J-</b>
Beryllium, Total	7440-41-7	ug/L		--	< 0.15 U	< 0.15 U	<b>0.29 J</b>
Cadmium, Total	7440-43-9	ug/L		--	<b>0.12</b>	<b>0.078 J</b>	<b>0.51</b>
Calcium, Total	7440-70-2	ug/L		--	<b>66000</b>	<b>63000</b>	<b>68000</b>
Chromium, Total	7440-47-3	ug/L		--	< 1 U	< 1 U	<b>1.8 J</b>
Cobalt, Total	7440-48-4	ug/L		--	<b>0.36 J</b>	<b>0.24 J</b>	<b>1.3</b>
Copper, Total	7440-50-8	ug/L		--	<b>6.1</b>	<b>4.2</b>	<b>46</b>
Iron, Total	7439-89-6	ug/L		--	<b>1000 J</b>	<b>370</b>	<b>14000</b>
Lead, Total	7439-92-1	ug/L		--	<b>12 J</b>	<b>5.2</b>	<b>210</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>8700</b>	<b>8800</b>	<b>9200</b>
Manganese, Total	7439-96-5	ug/L		--	<b>86 J</b>	<b>58</b>	<b>230</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.2</b>	<b>1 J</b>	<b>3.9</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1.1 J</b>	<b>1 J</b>	<b>2.2</b>
Potassium, Total	7440-09-7	ug/L		--	<b>2100</b>	<b>2300</b>	<b>3600</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	<b>0.69 J</b>
Silver, Total	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U	<b>1.5</b>
Sodium, Total	7440-23-5	ug/L		--	<b>15000</b>	<b>16000</b>	<b>16000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	<b>0.11 J</b>
Vanadium, Total	7440-62-2	ug/L		--	<b>0.98 J</b>	<b>0.46 J</b>	<b>10</b>
Zinc, Total	7440-66-6	ug/L		--	<b>36</b>	<b>25</b>	<b>170</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>89</b>	<b>87</b>	<b>89</b>
Chloride	16887-00-6	mg/L		--	<b>11</b>	<b>12</b>	
Fluoride	16984-48-8	mg/L		--	<b>0.35</b>	<b>0.33</b>	
Nitrate as N	14797-55-8	mg/L		--	< 0.023 U	< 0.023 U	
pH	STL00204	SU		--	<b>8.11 J</b>	<b>8.37 J</b>	<b>8.12 J</b>
Sulfate	14808-79-8	mg/L		--	<b>100</b>	<b>100</b>	

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>270</b>	<b>270</b>	<b>290</b>
Total Hardness	STL00009	mg/L		--	<b>200</b>	<b>190</b>	<b>210</b>
Total Suspended Solids	STL00161	mg/L		--	<b>36</b>	<b>36</b>	<b>150</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	NSW-020	NSW-020	NSW-020		
			Sample ID	NSW-020-150809-11	NSW-020-150810-11	NSW-020-150811-11		
			Date	8/9/2015	8/10/2015	8/11/2015		
			Sample Time	11:10	11:05	11:45		
			Latitude	36.90090	36.90090	36.90090		
			Longitude	-107.91712	-107.91712	-107.91712		
<b>Recreational</b>								
<b>Metals, Dissolved</b>								
Aluminum, Dissolved	7429-90-5	ug/L	170000	--	<b>28 J</b>	<b>45 J</b>		
Antimony, Dissolved	7440-36-0	ug/L		--	< 0.4 U	< 0.4 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	--	< 0.37 U	< 0.37 U		
Barium, Dissolved	7440-39-3	ug/L	33000	--	<b>60</b>	<b>60</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	--	< 0.15 U	< 0.15 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	--	< 0.043 U	< 0.043 U		
Calcium, Dissolved	7440-70-2	ug/L		--	<b>63000</b>	<b>61000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	--	< 1 U	< 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	--	< 0.12 U	<b>0.3 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	--	<b>2.3</b>	<b>2.7</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	--	< 17 U	< 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	--	<b>0.38</b>	<b>0.32</b>		
Magnesium, Dissolved	7439-95-4	ug/L		--	<b>8500</b>	<b>8500</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	--	<b>10</b>	<b>12</b>		
Mercury, Dissolved	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U		
Molybdenum, Dissolved	7439-98-7	ug/L		--	<b>0.96 J</b>	<b>1.1</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	--	<b>1.1</b>	<b>1.2 J</b>		
Potassium, Dissolved	7440-09-7	ug/L		--	<b>2200</b>	<b>2100</b>		
Selenium, Dissolved	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U		
Silver, Dissolved	7440-22-4	ug/L		--	< 0.1 U	< 0.1 U		
Sodium, Dissolved	7440-23-5	ug/L		--	<b>12000</b>	<b>13000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	--	< 0.1 U	< 0.1 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	--	< 0.3 U	< 0.3 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	--	<b>12 J</b>	<b>4.3 J</b>		
						<b>3 J</b>		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>							
Aluminum, Total	7429-90-5	ug/L		--	<b>860</b>	<b>310</b>	<b>180 J</b>
Antimony, Total	7440-36-0	ug/L		--	<b>0.41 J</b>	< 0.4 U	< 0.4 U
Arsenic, Total	7440-38-2	ug/L		--	<b>2</b>	< 0.37 U	<b>0.37 J</b>
Barium, Total	7440-39-3	ug/L		--	<b>73</b>	<b>64</b>	<b>67</b>
Beryllium, Total	7440-41-7	ug/L		--	< 0.15 U	< 0.15 U	< 0.15 U
Cadmium, Total	7440-43-9	ug/L		--	<b>0.13</b>	<b>0.073 J</b>	<b>0.093 J</b>
Calcium, Total	7440-70-2	ug/L		--	<b>63000</b>	<b>60000</b>	<b>62000</b>
Chromium, Total	7440-47-3	ug/L		--	< 1 U	< 1 U	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.6</b>	<b>0.22 J</b>	<b>0.2 J</b>
Copper, Total	7440-50-8	ug/L		--	<b>11</b>	<b>4.7</b>	<b>4</b>
Iron, Total	7439-89-6	ug/L		--	<b>2700 J</b>	<b>640 J</b>	<b>380</b>
Lead, Total	7439-92-1	ug/L		--	<b>37 J</b>	<b>8.6 J</b>	<b>5.1</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>8400</b>	<b>8400</b>	<b>8700</b>
Manganese, Total	7439-96-5	ug/L		--	<b>110 J</b>	<b>45 J</b>	<b>46</b>
Mercury, Total	7439-97-6	ug/L		--	< 0.08 U	< 0.08 U	< 0.08 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>1.3</b>	<b>1</b>	<b>1</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1.1</b>	<b>0.98 J</b>	<b>0.98 J</b>
Potassium, Total	7440-09-7	ug/L		--	<b>2300</b>	<b>2100</b>	<b>2200</b>
Selenium, Total	7782-49-2	ug/L		--	< 0.58 U	< 0.58 U	< 0.58 U
Silver, Total	7440-22-4	ug/L		--	<b>0.27 J</b>	< 0.1 U	< 0.1 U
Sodium, Total	7440-23-5	ug/L		--	<b>12000</b>	<b>12000</b>	<b>13000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0.1 U	< 0.1 U	< 0.1 U
Vanadium, Total	7440-62-2	ug/L		--	<b>2.2</b>	<b>0.74 J</b>	<b>0.36 J</b>
Zinc, Total	7440-66-6	ug/L		--	<b>63</b>	<b>24</b>	<b>21</b>
<b>General</b>							
Alkalinity	STL00171	mg/L		--	<b>91</b>	<b>99</b>	<b>92</b>
Chloride	16887-00-6	mg/L		--	<b>11</b>	<b>10</b>	<b>11</b>
Fluoride	16984-48-8	mg/L		--	<b>0.34</b>	<b>0.33</b>	<b>0.32</b>
Nitrate as N	14797-55-8	mg/L		--		< 0.023 U	< 0.023 U
pH	STL00204	SU		--	<b>8.14 J</b>	<b>8.12 J</b>	<b>8.31 J</b>
Sulfate	14808-79-8	mg/L		--	<b>88</b>	<b>86</b>	<b>88</b>

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>260</b>	<b>250</b>	<b>250</b>
Total Hardness	STL00009	mg/L		--	<b>190</b>	<b>180</b>	<b>190</b>
Total Suspended Solids	STL00161	mg/L		--	<b>780</b>	<b>26</b>	<b>26</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

J - Data Estimated qualifier (also applied to all data less than PQL, greater than or equal to MDL)

MDL - Method Detection Limit

PQL - Practical Quantitation Limit, also known as reporting limit.

U - Analyte not detected at or above MDL qualifier

D - Diluted value qualifier.

mg/L - Parts per million (milligrams per liter). Solids equivalent = mg/Kg.

ug/L - Parts per billion (micrograms per liter). Solids equivalent = ug/Kg

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

Analyte	CAS.NO	Units	Location	NSW-ARI		
			Sample ID	NSW-ARI-150808-11		
			Date	8/8/2015		
			Sample Time	11:25		
			Latitude	36.90090		
			Longitude	-107.91712		
<b>Recreational RSL</b>						
<b>Metals, Dissolved</b>						
Aluminum, Dissolved	7429-90-5	ug/L	170000	-- < 24 U		
Antimony, Dissolved	7440-36-0	ug/L		-- < 0 U		
Arsenic, Dissolved	7440-38-2	ug/L	50	-- <b>0.62 J</b>		
Barium, Dissolved	7440-39-3	ug/L	33000	-- <b>52</b>		
Beryllium, Dissolved	7440-41-7	ug/L	330	-- < 0 U		
Cadmium, Dissolved	7440-43-9	ug/L	83	-- < 0 U		
Calcium, Dissolved	7440-70-2	ug/L		-- <b>58000</b>		
Chromium, Dissolved	7440-47-3	ug/L	210000	-- < 1 U		
Cobalt, Dissolved	7440-48-4	ug/L	50	-- <b>0.12 J</b>		
Copper, Dissolved	7440-50-8	ug/L	6700	-- <b>1.5</b>		
Iron, Dissolved	7439-89-6	ug/L	120000	-- < 17 U		
Lead, Dissolved	7439-92-1	ug/L	200	-- <b>0.15 J</b>		
Magnesium, Dissolved	7439-95-4	ug/L		-- <b>7900</b>		
Manganese, Dissolved	7439-96-5	ug/L	7800	-- <b>5.4</b>		
Mercury, Dissolved	7439-97-6	ug/L		-- < 0 U		
Molybdenum, Dissolved	7439-98-7	ug/L		-- <b>1.3</b>		
Nickel, Dissolved	7440-02-0	ug/L	3300	-- <b>1.3</b>		
Potassium, Dissolved	7440-09-7	ug/L		-- <b>2200</b>		
Selenium, Dissolved	7782-49-2	ug/L		-- < 1 U		
Silver, Dissolved	7440-22-4	ug/L		-- < 0 U		
Sodium, Dissolved	7440-23-5	ug/L		-- <b>12000</b>		
Thallium, Dissolved	7440-28-0	ug/L	1.7	-- < 0 U		
Vanadium, Dissolved	7440-62-2	ug/L	830	-- < 0 U		
Zinc, Dissolved	7440-66-6	ug/L	50000	-- < 3 U		

Table 1  
Surfacewater Analytical Data - Region 6  
Upper Animas River

<b>Metals, Total</b>					
Aluminum, Total	7429-90-5	ug/L		--	<b>2200 J-</b>
Antimony, Total	7440-36-0	ug/L		--	<b>0.93 J</b>
Arsenic, Total	7440-38-2	ug/L		--	<b>6.1</b>
Barium, Total	7440-39-3	ug/L		--	<b>80 J-</b>
Beryllium, Total	7440-41-7	ug/L		--	<b>0.16 J</b>
Cadmium, Total	7440-43-9	ug/L		--	<b>0.38</b>
Calcium, Total	7440-70-2	ug/L		--	<b>63000</b>
Chromium, Total	7440-47-3	ug/L		--	< 1 U
Cobalt, Total	7440-48-4	ug/L		--	<b>0.78</b>
Copper, Total	7440-50-8	ug/L		--	<b>29</b>
Iron, Total	7439-89-6	ug/L		--	<b>8300</b>
Lead, Total	7439-92-1	ug/L		--	<b>110</b>
Magnesium, Total	7439-95-4	ug/L		--	<b>8700</b>
Manganese, Total	7439-96-5	ug/L		--	<b>170</b>
Mercury, Total	7439-97-6	ug/L		--	< 0 U
Molybdenum, Total	7439-98-7	ug/L		--	<b>2.5</b>
Nickel, Total	7440-02-0	ug/L		--	<b>1.7</b>
Potassium, Total	7440-09-7	ug/L		--	<b>3000</b>
Selenium, Total	7782-49-2	ug/L		--	<b>0.61 J</b>
Silver, Total	7440-22-4	ug/L		--	<b>0.8 J</b>
Sodium, Total	7440-23-5	ug/L		--	<b>13000</b>
Thallium, Total	7440-28-0	ug/L		--	< 0 U
Vanadium, Total	7440-62-2	ug/L		--	<b>5.5</b>
Zinc, Total	7440-66-6	ug/L		--	<b>130</b>
<b>General</b>					
Alkalinity	STL00171	mg/L		--	<b>99</b>
Chloride	16887-00-6	mg/L		--	
Fluoride	16984-48-8	mg/L		--	
Nitrate as N	14797-55-8	mg/L		--	
pH	STL00204	SU		--	<b>8.12 J</b>
Sulfate	14808-79-8	mg/L		--	

**Table 1**  
**Surfacewater Analytical Data - Region 6**  
**Upper Animas River**

Total Dissolved Solids	STL00242	mg/L		--	<b>270</b>
Total Hardness	STL00009	mg/L		--	<b>190</b>
Total Suspended Solids	STL00161	mg/L		--	<b>71</b>

**Bold - Bolded results identify a detected value.**

**Highlighted values are detections that exceed the minimum of the listed screening values**

\* - exceeds MCL

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